

PERSONAL COMPUTER CARD FOR COLLECTION OF REAL-TIME
BIOLOGICAL DATA

ABSTRACT OF THE DISCLOSURE

A real-time biological data processing PC card is lightweight, cost
5 effective, and portable. The real-time biological data processing PC card is
capable of converting a host personal computer system into a powerful diagnostic
instrument. Each real-time biological data processing PC card is adapted to input
and process biological data from one or more biological data sensors, and is
interchangeable with other real-time biological data processing PC cards. A
10 practitioner having three different real-time biological data processing PC cards,
for example, each one corresponding to a different biological data collection
device, effectively carries three full-sized, powerful diagnostic instruments. The
full resources of a host personal computer can be utilized and converted into a
powerful diagnostic instrument, for each biological data collection device, by the
15 insertion of one of the real-time biological data processing PC cards.